

<p>97-267809/24      A14 D21 E16 (A96)      SHIS 95.09.30 SHISEIDO CO LTD      *JP 09095584-A 95.09.30 95JP-276344 (97.04.08) C08L 33/02, C08K 5/19 Gel composition used for cosmetics - comprises carboxy:vinyl polymer and low molecular weight betaine, and has good moisture-retaining properties C97-086240</p>	<p>A(4-A3, 4-F4, 12-S) D(8-B10) E(10-A22D)</p>
<p>Gel composition comprises (A) carboxyvinyl polymer(s) and (B) low mol. wt. betaine(s).</p> <p><u>USE</u> Gel composition is useful for preparation of cosmetics, medicated plasters, etc.</p> <p><u>ADVANTAGE</u> (i) has good moisture-retaining properties to improve rough skin. (i) is prepared from available materials readily.</p> <p><u>PREFERRED MATERIALS</u> (B) is represented by formula (R<sup>1</sup>)(R<sup>2</sup>)(R<sup>3</sup>)N<sup>+</sup>(CH<sub>2</sub>)<sub>n+1</sub>COO<sup>-</sup> (I). R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> = 1-6 C alkyl, and;</p>	<p>n = 0, positive integer; sum of carbon numbers of R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> and n is 8 or less. Opt. R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are methyl, pref. n is 0 or 2. (A) is contained in (i) 0.01-5 (pref. 0.05-2) wt. %, (B) is contained in (I) 0.01-3 (pref. 0.1-20) wt. %.</p> <p><u>EMBODIMENT</u> (A) is e.g. 'Carbopol 940' (RTM), 'Carbopole 941' (RTM), 'Hibis Wako 104' (RTM), 'Hibis Wako 105' (RTM) etc. (B) has mol. wt. 200 or less, opt. (B) is trimethylglycine or gamma-butyrobetaine. (I) is prepared by blending (A), (B) and gel substrate(s) (e.g fats and oils, waxes, surfactants, lower alcohol(s), water-soluble polymer(s), moisture-retaining agent(s) etc.), water and opt. additive(s) (e.g. antioxidant, bactericide, UV-ray absorber, colourant, perfume).</p> <p><u>EXAMPLE</u> 0.1 pts. wt. Carboxyvinyl polymer (Hibis Wako 105 (RTM) and 0.01 pt. wt. trimethylglycine were dissolved in 99.89 pts. wt. water to JP 09095584-A+</p>

<p>obtain (i). (i) had good moisture-retaining properties and treating effect to rough skin. (9pp129DwgNo.0/0)</p>	<p>JP 09095584-A</p>
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